

2023 – 2024

QUALITY CONTROL TEST REPORTS

Client: Assistant Executive Engineer, Yelahanka Sub Division,
BBMP, Bangalore.

Agency: Sri. G Mahendra (Sree Manojava Enterprises),
Contractor, Bangalore.

Name of Work : Maintenance and repairs of Footpath in
Kempegowda Ward no-01 of Yelahanka Sub Division, BBMP,
Bangalore.

CIVIL AIM CONSULTANTS & ENGINEERS

An ISO 9001: 2015 Certified Company

NABL Accredited as per ISO-17025: 2017

Laboratory



CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)



An ISO 9001-2015 Certified Company
NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

QC ABSTRACT

Name of Work: Maintenance and repairs of Footpath in Kempegowda Ward no-01 of Yelahanka Sub Division, BBMP, Bangalore.

Sl. No.	Item	Quantity As Per BOQ	Required No's of testes	Actual No's of testes	Testes
1	1:3:6	14.59 Cum	1	1	Pass
2	M20	5.85 Cum	2	2	Pass
3	M15	3.78 Cum	1	1	Pass
4	Slab (230mm)	23.40 Sqm	1	1	Pass
5	Slab (100mm)	312.75 Sqm	1	1	Pass
6	Kerb	710.00 Nos	1	1	Pass

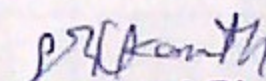
ASST

Cubes

0-5 Cum 1Set
6-15 Cum 2Set
16-30 Cum 3Set
31-50 Cum 4Set
Add 1set for extra 50Cum

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For CIVIL AIM CONSULTANTS & ENGINEERS


Authorized Signatory



CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)



An ISO 9001-2015 Certified Company
NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

Job No.: CACE/BBMP/GM/W.No.01/2022-23

Date: 15.03.2023

TEST REPORT

CLIENT	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
AGENCY	:	Sri. G Mahendra (Sree Manojava Enterprises), Contractor, Bangalore.
NAME OF THE WORK	:	Maintenance and repairs of Footpath in Kempegowda Ward no-01 of Yelahanka Sub Division, BBMP, Bangalore.
SAMPLE ID	:	Cement (Dalmia OPC 53 Grade)
DATE OF MANUFACTURE	:	February - 2023
DATE OF TESTING	:	13.03.2023 to 15.03.2023
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the cement sample are as follows:

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269-2015
1	a) Initial Setting Time	IS-4031 (Part -5)	130 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	340 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) by the Le-Chatelier method	1 mm	Not more than 10 mm
	Standard Consistency	IS-4031 (Part -4)	29.00 %	-

- Note:
- ⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.
 - ⇒ The results indicated above are based on the tests carried out on the samples collected at the site.
 - ⇒ Any Query regarding the report must be reported within 30days from the date of testing.

For CIVIL AIM CONSULTANTS & ENGINEERS

P. R. Kanth
Authorised Signatory



CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)



An ISO 9001-2015 Certified Company
NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

Job No.: CACE/BBMP/GM/W.No.01/2022-23

Date : 15.03.2023

TEST REPORT ON FINE AGGREGATES (SAND)

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Agency : Sri. G Mahendra (Sree Manojava Enterprises), Contractor, Bangalore.
Name of Work : Maintenance and repairs of Footpath in Kempegowda Ward no-01 of Yelahanka Sub Division, BBMP, Bangalore.
Date of Testing : 15.03.2023
IS Code : IS 383:2016
: IS 2386 (Part 1):1963(RA 2011)
Material : Sand Total Wt. of Aggregates in gms **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	84	8.40	8.40	91.6	90-100
2.36	132	13.20	21.60	78.4	75-100
1.18	186	18.60	40.20	59.8	55-90
600 Micron	165	16.50	56.70	43.3	35-59
300 Micron	225	22.50	79.20	20.8	8-30
150 Micron	142	14.20	93.40	6.6	0-10

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples collected at the site.
3. Any Query regarding the report must be reported within 30days from the date of testing.

For CIVIL AIM CONSULTANTS & ENGINEERS

[Signature]
Authorised Signatory

[Signature]
Asst. Executive Engineer
Yelahanka Sub-Division
(BBMP Yrk. 79)
Yelahanka, Bangalore



CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)



An ISO 9001-2015 Certified Company
NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

Job No.:

CACE/BBMP/GM/W.No.01/2022-23

Date : 15.03.2023

TEST REPORT ON FINE AGGREGATES (SAND) IS 2116-1980

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Agency : Sri. G Mahendra (Sree Manojava Enterprises), Contractor, Bangalore.
Name of Work : Maintenance and repairs of Footpath in Kempegowda Ward no-01 of Yelahanka Sub Division, BBMP, Bangalore.
Date of Testing : 15.03.2023
Material : Sand - Masonry

Total wt. of aggregates in gms = 1000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 2116-1980
4.75	0	0.00	0.00	100.0	100
2.36	18	1.80	1.80	98.2	90-100
1.18	36	3.60	5.40	94.6	70-100
600 Micron	85	8.50	13.90	86.1	40-100
300 Micron	256	25.60	39.50	60.5	5-70
150 Micron	482	48.20	87.70	12.3	0-15

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples collected at the site.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL AIM CONSULTANTS & ENGINEERS

P. R. Kanth
Authorised Signatory

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore



CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)



An ISO 9001-2015 Certified Company
NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

Job No.: CACE/BBMP/GM/W.No.01/2022-23

Date : 15.03.2023

TEST REPORT ON COARSE AGGREGATES

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Agency : Sri. G Mahendra (Sree Manojava Enterprises), Contractor, Bangalore.
Name of Work : Maintenance and repairs of Footpath in Kempegowda Ward no-01 of Yelahanka Sub Division, BBMP, Bangalore.
Date of Testing : 15.03.2023
IS Code : IS 383:2016
: IS 2386 (Part 1):1963(RA 2011)
Material : 20mm Aggregates

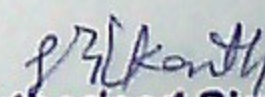
Total Wt. of Aggregates in gms= 5000

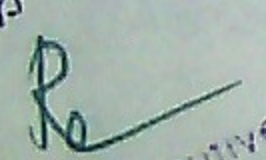
Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
40	0	0	0	100	100
20	175	3.5	3.5	96.5	95-100
10	2430	48.6	52.1	47.9	25-55
4.75	1958	39.2	91.3	8.7	0-10

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples collected at the site.
3. Any Query regarding the report must be reported within 30days from the date of testing.

For CIVIL AIM CONSULTANTS & ENGINEERS


Authorised Signatory


Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Yek. Zn)
Yelahanka, Bangalore



CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)



An ISO 9001-2015 Certified Company
NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

Job No.: CACE/BBMP/GM/W.No.01/2022-23

Date : 15.03.2023

TEST REPORT ON COARSE AGGREGATES

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Agency : Sri. G Mahendra (Sree Manojava Enterprises), Contractor, Bangalore.
Name of Work : Maintenance and repairs of Footpath in Kempegowda Ward no-01 of Yelahanka Sub Division, BBMP, Bangalore.
Date of Testing : 15.03.2023
IS Code : IS 383:2016
: IS 2386 (Part 1):1963(RA 2011)
Material : 40mm Aggregates

Total Wt. of Aggregates in gms **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
80	0	0	0	100	100
40	169	1.13	1.13	98.87	95-100
20	8233	54.89	56.01	43.99	30-70
10	3268	21.79	77.80	22.20	10-35
4.75	2815	18.77	96.57	3.43	0-5

Note:

- The report shall not be reproduced, except in full, without the written approval of the laboratory.
- The results indicated above are based on the tests carried out on the samples collected at the site.
- Any Query regarding the report must be reported within 30 days from the date of testing.

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For CIVIL AIM CONSULTANTS & ENGINEERS

[Signature]
Authorised Signatory



CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)



An ISO 9001-2015 Certified Company
NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

Job No.: CACE/BBMP/GM/W.No.01/2022-23

Date: 03.04.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.

Agency : Sri. G Mahendra (Sree Manojava Enterprises), Contractor, Bangalore.

Name of the work : Maintenance and repairs of Footpath in Kempegowda Ward no-01 of Yelahanka Sub Division, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 7th day

SLNo.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	27.03.2023	03.04.2023	8.138	332.6	14.78
2	27.03.2023	03.04.2023	8.154	329.4	14.64
3	27.03.2023	03.04.2023	8.112	345.2	15.34

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples collected at the site.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For CIVIL AIM CONSULTANTS & ENGINEERS

[Signature]
Authorised Signatory



CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)



An ISO 9001-2015 Certified Company
NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

Date: 24.04.2023

Job No.: CACE/BBMP/GM/W.No.01/2022-23

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.

Agency : Sri. G Mahendra (Sree Manojava Enterprises), Contractor, Bangalore.

Name of the work : Maintenance and repairs of Footpath in Kempegowda Ward no-01 of Yelahanka Sub Division, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	27.03.2023	24.04.2023	8.184	500.9	22.26
2	27.03.2023	24.04.2023	8.156	484.6	21.54
3	27.03.2023	24.04.2023	8.138	495.3	22.01

Note:

- The report shall not be reproduced, except in full, without the written approval of the laboratory.
- The results indicated above are based on the tests carried out on the samples collected at the site.
- Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL AIM CONSULTANTS & ENGINEERS

[Signature]
Authorised Signatory

[Signature]
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore



CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)



An ISO 9001-2015 Certified Company
NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

Date: 26.04.2023

Job No.: CACE/BBMP/GM/W.No.01/2022-23

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.

Agency : Sri. G Mahendra (Sree Manojava Enterprises), Contractor, Bangalore.

Name of the work : Maintenance and repairs of Footpath in Kempegowda Ward no-01 of Yelahanka Sub Division, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	29.03.2023	26.04.2023	8.184	478.9	21.28
2	29.03.2023	26.04.2023	8.156	495.6	22.03
3	29.03.2023	26.04.2023	8.133	482.4	21.44

Note:

- The report shall not be reproduced, except in full, without the written approval of the laboratory.
 - The results indicated above are based on the tests carried out on the samples collected at the site.
- Any Query regarding the report must be reported within 30 days from the date of testing.

Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For CIVIL AIM CONSULTANTS & ENGINEERS

[Signature]
Authorised Signatory



CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)



An ISO 9001-2015 Certified Company
NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

Date: 13.04.2023

Job No.: CACE/BBMP/GM/W.No.01/2023-24

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.

Agency : Sri. G Mahendra (Sree Manojava Enterprises), Contractor, Bangalore.

Name of the work : Maintenance and repairs of Footpath in Kempegowda Ward no-01 of Yelahanka Sub Division, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₁₅

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	06.04.2023	13.04.2023	8.133	265.3	11.79
2	06.04.2023	13.04.2023	8.165	248.9	11.06
3	06.04.2023	13.04.2023	8.118	268.9	11.95

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples collected at the site.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For CIVIL AIM CONSULTANTS & ENGINEERS

[Signature]
Authorised Signatory



CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)



An ISO 9001-2015 Certified Company
NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

Date: 04.05.2023

Job No.: CACE/BBMP/GM/W.No.01/2023-24

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.

Agency : Sri. G Mahendra (Sree Manojava Enterprises), Contractor, Bangalore.

Name of the work : Maintenance and repairs of Footpath in Kempegowda Ward no-01 of Yelahanka Sub Division, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₁₅

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	06.04.2023	04.05.2023	8.168	389.6	17.32
2	06.04.2023	04.05.2023	8.155	395.3	17.57
3	06.04.2023	04.05.2023	8.146	376.2	16.72

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples collected at the site.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For CIVIL AIM CONSULTANTS & ENGINEERS

[Signature]
Authorised Signatory



CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)



An ISO 9001-2015 Certified Company
NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

Date: 11.04.2023

Job No.: CACE/BBMP/GM/W.No.01/2023-24

PRECAST SLAB 100mm Thick(CORE) TEST REPORT

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Contractor : Sri. G Mahendra (Sree Manojava Enterprises), Contractor, Bangalore.
Name of Work : Maintenance and repairs of Footpath in Kempegowda Ward no-01 of Yelahanka Sub Division, BBMP, Bangalore.
No. of Sample Tested : 03
Date of Testing : 11.04.2023
Technical Reference : IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete : M₂₅

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m ³)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm ²)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm ²)	Equivalent Cube Compressive Strength (N/mm ²)
1	50.00	80.00	0.370	2355.49	1.60	0.957	40.20	20.47	22.11	21.16	26.45
2	50.00	82.00	0.381	2366.36	1.64	0.961	40.50	20.63	22.28	21.41	26.76
3	50.00	84.00	0.393	2382.78	1.68	0.965	40.80	20.78	22.44	21.67	27.08

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples collected at the site.
3. Any Query regarding the report must be reported reported within 30 days from the date of testing.

Asst. Executive Engineer,
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For CIVIL AIM CONSULTANTS & ENGINEERS

Authorized Signatory



CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)



An ISO 9001-2015 Certified Company
NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

Date: 11.04.2023

Job No.: CACE/BBMP/GM/W.No.01/2023-24

PRECAST SLAB 230mm Thick(CORE) TEST REPORT

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Contractor : Sri. G Mahendra (Sree Manojava Enterprises), Contractor, Bangalore.
Name of Work : Maintenance and repairs of Footpath in Kempegowda Ward no-01 of Yelahanka Sub Division, BBMP, Bangalore.
No. of Sample Tested : 03
Date of Testing : 11.04.2023
Technical Reference : IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete : M₂₅

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m ³)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm ²)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm ²)	Equivalent Cube Compressive Strength (N/mm ²)
1	90.00	112.00	1.689	2370.48	1.24	0.918	133.60	21.00	22.68	20.83	26.04
2	90.00	114.00	1.730	2385.43	1.27	0.921	133.90	21.05	22.73	20.93	26.16
3	90.00	116.00	1.769	2397.15	1.29	0.923	134.50	21.14	22.83	21.08	26.35

Note:

- The report shall not be reproduced, except in full, without the written approval of the laboratory.
- The results indicated above are based on the tests carried out on the samples collected at the site.
- Any query regarding the report must be reported within 30 days from the date of testing.

Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For CIVIL AIM CONSULTANTS & ENGINEERS

[Signature]
Authorised Signatory



CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)



An ISO 9001-2015 Certified Company
NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

Date: 14.04.2023

Job No.: CACE/BBMP/GM/W.No.01/2023-24

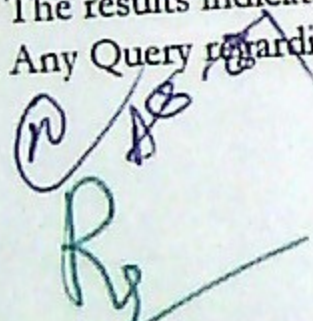
KERB STONE (CORE) TEST REPORT

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Agency : Sri. G Mahendra (Sree Manojava Enterprises), Contractor, Bangalore.
Name of Work : Maintenance and repairs of Footpath in Kempegowda Ward no-01 of Yelahanka Sub Division, BBMP, Bangalore.
No. of Sample Tested : 03
Date of Testing : 14.04.2023
Technical Reference : IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete : M15

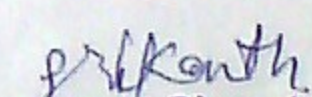
Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m ³)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm ²)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm ²)	Equivalent Cube Compressive Strength (N/mm ²)
1	50.00	72.00	0.331	2341.35	1.44	0.940	27.50	14.01	15.13	14.21	17.76
2	50.00	74.00	0.345	2374.42	1.48	0.944	28.10	14.31	15.46	14.59	18.24
3	50.00	76.00	0.356	2385.65	1.52	0.948	27.90	14.21	15.35	14.55	18.19

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples collected at the site.
3. Any Query regarding the report must be reported within 30 days from the date of testing.


Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For CIVIL AIM CONSULTANTS & ENGINEERS.


Authorised Signatory